

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1 to 6 (Canceled)

7. (Presently Amended) A composition comprising a carrier group covalently coupled to an ~~oligosaccharide obtained from a isolated~~ chlamydial glycolipid oligosaccharide.

8. (Presently Amended) The composition of claim 7, wherein the chlamydial glycolipid oligosaccharide is a GLXA oligosaccharide.

9. (Original) The composition of claim 7, wherein the carrier group is coupled to the oligosaccharide by a linker.

10. (Original) The composition of claim 9, wherein the linker is 2-(4-aminophenyl)ethylamine.

11 to 14 (Canceled)

15. (Presently Amended) A purified preparation consisting essentially of purified chlamydial glycolipid exoantigen, ~~wherein the preparation is free of other components~~ as determined by sodium dodecylsulfate gel electrophoreses and silver staining.

16 and 17 (Canceled)

18. (Presently Amended) A composition comprising a carrier group covalently coupled to an isolated chlamydial glycolipid oligosaccharide, wherein the oligosaccharide is capable of binding anti-GLXA monoclonal antibody 89MS30.

19. (Previously Presented) The composition of claim 7, wherein the carrier group is selected from the group consisting of bovine serum albumin (BSA); tetanus toxoid; Diphtheria CRM 197 Protein (CRM 197); ovalbumin; and an organic polymer.